

Substitute for form 1449A/B:PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/525,360
				Filing Date	August 22, 2003; Conf. No.6836
				First Named Inventor	Reinhold Kerb
				Art Unit	1634
				Examiner Name	Diana B. Johannsen
Sheet	1	of	5	Attorney Docket Number	106153-0011-101

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		2001-0049586	12-06-2001	Roses	
		6,287,850	09-11-2001	Besemer et al.	
		5,474,796	12-12-1995	Brennan	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² -Number-Kind Code ³ (if known)	Publication Date MM-DD-YYYY	Country	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		WO 94/29469	12-22-1994	PCT	
		WO 97/00957	01-09-1997	PCT	

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
		Anderson, "Human Gene Therapy," <i>Science</i> 256(5058):808-813 (1992).		
		Arndt et al., "Interaction of cations, anions, and weak base quinine with rat renal cation transporter rOCT2 compared with rOCT1," <i>Am J Physiol Renal Physiol.</i> , 281(3):F454-F468 (2001).		
		Bader, "The relative power of SNPs and haplotype as genetic markers for association tests. <i>Pharmacogenomics</i> ," 2(1):11-24 (2001).		
		Berry et al., "A Prototype Computer System for de novo Protein Design," <i>Biochem Soc Trans.</i> , 22(4):1033-1036 (1994).		
		Bertz et al., "Use of in vitro and in vivo data to estimate the likelihood of metabolic pharmacokinetic interactions. <i>Clin Pharmacokinet.</i> " 32(3):210-258 (1997).		
		Briz et al., "Carriers involved in targeting the cytostatic bile acid-cisplatin derivatives cis-diammine-chloro-cholylglycinate-platinum(II) and cis-diammine-bisursodeoxycholate-platinum(II) toward liver cells," <i>Mol Pharmacol.</i> , 61(4):853-860 (2002).		
		Brown et al., "Hepatotoxicity of antimicrobial agents," <i>Semin Liver Dis.</i> 22(2):157-167 (2002).		
		Caplin et al., "LightCycler™ Hybridization Probes," <i>Biochemica</i> , 1:5-8 (1999).		

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Sheet	2	of	5	Attorney Docket Number	106153-0011-101

	Chen et al., "Maintenance of Serotonin in the Intestinal Mucosa and Ganglia of Mice that Lack the High-Affinity Serotonin Transporter: Abnormal Intestinal Motility and the Expression of Cation Transporters," <i>J. Neurosci.</i> 21(16):6348-6361 (2001).	
	Cheung et al., "Making and reading microarrays," <i>Nat Genet.</i> , 21(1):15-19 (1999)	
	Chitturi et al., "Hepatotoxicity of commonly used drugs: nonsteroidal anti-inflammatory drugs, antihypertensives, antidiabetic agents, anticonvulsants, lipid-lowering agents, psychotropic drugs," <i>Semin Liver Dis.</i> , 22(2):169-183 (2002).	
	Dorner et al., "The Synthesis of Peptidomimetic Combinatorial Libraries Through Successive Amide Alkylations," <i>Bioorg. Med Chem.</i> , 4(5):709-715 (1996).	
	Engel et al., "Prediction of CYP2D6-mediated polymorphic drug metabolism (sparteine type) based on in vitro investigations," <i>Journal of Chromatography B</i> , 29:678(1):93-103 (1996).	
	Fassina et al., "Identification of interactive sites of proteins and protein receptors by computer-assisted searches for complementary peptide sequences," <i>Immunomethods</i> , 5(2):114-120 (1994).	
	Galfr� et al., "Preparation of monoclonal antibodies: strategies and procedures," <i>Meth. Enzymol.</i> , 73:3-46 (1981).	
	Giordano, "Intracoronary Gene Transfer of Fibroblast Growth Factor-5 Increases Blood Flow and Contractile Function in an Ischemic Region of the Heart," <i>Nat. Med.</i> , 2(5):534-539 (1996).	
	Gorboulev et al., "Cloning and characterization of two human polyspecific organic cation transporters," <i>DNA Cell Biol.</i> , 16(7):871-881 (1997).	
	Hayer-Zillgen et al., "Expression and pharmacological profile of the human organic cation transporters hOCT1, hOCT2 and hOCT3," <i>Br J Pharmacol.</i> , 136(6):829-836 (2002).	
	Hoffman et al., "Rapid protein structure classification using one-dimensional structure profiles on the BioSCAN parallel computer," <i>CABIOS</i> , 11(6): 675-679 (1995).	
	Isner et al., "Clinical Evidence of Angiogenesis After Arterial Gene Transfer of phVEGF ₁₆₅ in Patient with Ischaemic Limb," <i>The Lancet</i> , 348(9024):370-374 (1996).	
	Jansen et al., "Bile formation and cholestasis," <i>Ned Tijdschr Geneesk.</i> , 144(50):2384-2391 (2000).	
	Judson et al., "Notes from the SNP vs. haplotype front," <i>Pharmacogenomics</i> . 2(1):7-10 (2001).	
	Judson et al., "The predictive power of haplotypes in clinical response" <i>Pharmacogenomics</i> ,	

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Sheet	3	of	5	Attorney Docket Number	106153-0011-101

	1(1):15-26, (2000).	
	Kimura et al., "Human Organic Anion Transporters and Human Organic Cation Transporters Mediate Renal Transport of Prostaglandins," <i>J. Pharmacol. Exp. Ther.</i> , 301(1):293-298 (2002).	
	Klein et al., "An inventory of the human ABC proteins," <i>Biochimica et Biophysica Acta. Biomembranes</i> , 1461(2):237-262 (1999).	
	Koeler et al., "Continuous cultures of fused cells secreting antibody of predefined specificity," <i>Nature</i> , 256:495-497 (1975).	
	Koepsell et al., "Molecular pharmacology of organic cation transporters in kidney," <i>J Membr Biol.</i> , 167(2):103-17 (1999).	
	Le Mouellie et al., "Targeted replacement of the homeobox gene Hox-3.1 by the Escherichia coli lacZ in mouse chimeric embryos," <i>Proc. Natl. Acad. Sci. USA</i> , 87:4712-4716 (1990).	
	Lewis, "Drug-induced liver disease," <i>Med Clin North Am.</i> , 84(5):1275-1311 (2000).	
	Loftus et al., "Genome duplications and other features in 12 Mb of DNA sequence from human chromosome 16p and 16q," <i>Genomics</i> , 60(3):295-308 (1999).	
	Malmberg et al., "BIAcore as a tool in antibody engineering," <i>Journal of Immunological Methods</i> , 183(1):7-13 (1995).	
	Marshall, "Getting the right drug into the right patient," <i>Nature Biotechnology</i> , 15: 1249 - 1252 (1997).	
	Marshall, "Laying the foundations for personalized medicines," <i>Nature Biotechnology</i> , 15:954-957 (1997).	
	Meyer et al., "Molecular mechanisms of genetic polymorphisms of drug metabolism," <i>Annu Rev Pharmacol Toxicol.</i> , 37:269-396 (1997).	
	Meyer, "Overview of Enzymes of Drug Metabolism," <i>J. Pharmacokinetics Biopharm.</i> , 24(5):449-459 (1996).	
	Meyer-Wentrup et al., "Membrane localization of the electrogenic cation transporter rOCT1 in rat liver," <i>Biochem Biophys Res Commun.</i> , 248(3):673-678. (1998).	
	Mohi-ud-din, et al., "Drug- and chemical-induced cholestasis," <i>Clin Liver Dis.</i> , 95-132 (2004).	
	Monge et al., "Computer Modeling of Protein Folding: Conformational and Energetic Analysis of Reduced and Detailed Protein Models," <i>Journal of Molecular Biology</i> , 247(5): 995-1012 (1995).	

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Sheet	4	of	5	Attorney Docket Number	106153-0011-101

	Muhlhauser et al., "VEGF ₁₆₅ Expressed by a Replication-Deficient Recombinant Adenovirus Vector Induces Angiogenesis In Vivo," <i>Circ. Res.</i> , 77(6):1077-1086 (1995).	
	Oefner, "Allelic discrimination by denaturing high-performance liquid chromatography," <i>J Chromatogr B</i> , 739(2):345-355 (2000).	
	Olszewski et al., "Folding simulations and computer redesign of protein A three-helix bundle motifs," <i>Proteins</i> , 25(3):286-299 (1996).	
	Ostresh et al., "Generation and Use of Nonsupport-Bound Peptide and Peptidomimetic Combinatorial Libraries," <i>Methods Enzymol.</i> , 267:220-234 (1996).	
	Ozawa, "Strategic Proposals for Avoiding Toxic Interactions with Drugs for Clinical Use During Development and After Marketing of a New Drug--Proposals for Designing Non-Clinical Studies--Is the Non-Clinical Study Useful?," <i>J. Toxicol. Sci.</i> , 21(5):323-329 (1996).	
	Pabo et al., "Computer-Aided Model-Building Strategies for Protein Design," <i>Biochemistry</i> , 25(20):5987-5991 (1986).	
	Pearson et al., "Improved tools for biological sequence comparison," <i>Proc Natl Acad Sci U S A</i> , 85(8):2444-2448 (1998).	
	Perdu et al., "Identification of novel polymorphisms in the pM5 and MRP1 (ABCC1) genes at locus 16p13.1 and exclusion of both genes as responsible for pseudoxanthoma clasticum," <i>Human Mutation</i> , 17(1):74-75 (2001).	
	Priebe et al., "Doxorubicin- and daunorubicin-glutathione conjugates, but not unconjugated drugs, competitively inhibit leukotriene C4 transport mediated by MRP/GS-X pump," <i>Biochemical and Biophysical Research Communications</i> , 247(3):859-63 (1998).	
	Renouf et al. "Molecular modelling of glycoproteins by homology with non-glycosylated protein domains, computer simulated glycosylation and molecular dynamics," <i>Adv Exp Med Biol.</i> , 376:37-45 (1995).	
	Rose et al., "Three-Dimensional Structures of HIV-1 and SIV Protease Product Complexes," <i>Biochemistry</i> , 35(39):12933-12944 (1996)	
	Rutenber et al., "A New Class of HIV-1 Protease Inhibitor: the Crystallographic Structure, Inhibition and Chemical Synthesis of an Aminimide Peptide Isostere," <i>Bioorg. & Med. Chem.</i> , 4(9):1545-1558 (1996)	
	Schaper et al., "Molecular Mechanisms of Coronary Collateral Vessel Growth," <i>Circ. Res.</i> , 79(5):911-919 (1996).	
	Schaper et al., "Therapeutic Targets in Cardiovascular Disorders," <i>Curr. Opin. Biotechnol.</i> , 7(6):635-640 (1996)	

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	Schier et al., "Efficient in vitro affinity maturation of phage antibodies using BIAcore guided selections," <i>Hum. Antibod. Hybridomas</i> , 7:97-105 (1996).	
	Shi, "Enabling large-scale pharmacogenetic studies by high-throughput mutation detection and genotyping technologies," <i>Clin Chem.</i> , 47(2):164-172.(2001).	
	Siitari, "Nucleic Acids Diagnostics Market," Technology Review 125/2002, National Technology Agency, Helsinki (2002).	
	Sieger et al., "Drug- and estrogen-induced cholestasis through inhibition of the hepatocellular bile salt export pump (Bsep) of rat liver," <i>Gastroenterology</i> , 118(2):422-430 (2000).	
	Underhill et al. "Detection of Numerous Y Chromosome Biallelic Polymorphisms by Denaturing High-Performance Liquid Chromatography," <i>Genome Res.</i> , 7: 996-1005 (1997).	
	van Montfoort et al., "Comparison of "type I" and "type II" organic cation transport by organic cation transporters and organic anion-transporting polypeptides," <i>J Pharmacol Exp Ther.</i> , 298(1):110-5 (2001).	
	Wang et al., "Second-Generation Adenovirus Vectors," <i>Nature Medicine</i> , 2(6):714-716 (1996).	
	Watson et al., "Technology for microarray analysis of gene expression," <i>Current Opinion in Biotechnology</i> , 9(6):609-614 (1998).	
	Wessler et al., "Release of non-neuronal acetylcholine from the isolated human placenta is mediated by organic cation transporters," <i>Br J Pharmacol.</i> , 134(5):951-956 (2001).	
	West et al., "Interpatient Variability: Genetic Predisposition and Other Genetics Factors," <i>J. Clin. Pharmacol.</i> , 37(7):635-648 (1997).	
	Williams et al., "Introduction of Foreign Genes into Tissues of Living Mice by DNA-Coated Microprojectiles," <i>Proc. Natl. Acad. Sci. USA</i> , 88(7):2726-2730 (1991).	
	Wodak, "Computer-Aided Design in Protein Engineering," <i>Annals N. Y. Acad. Sci.</i> , 501:1-13 (1987).	
	Zhang et al., "Interactions of HIV Protease Inhibitors with a Human Organic Cation Transporter in a Mammalian Expression System," <i>Drug Metab. Dispos.</i> , 28(3): 329-334 (2000).	
	Zhang et al., "Cloning and functional expression of a human liver organic cation transporter," <i>Molecular Pharmacology</i> , 51(6):913-921 (1997).	

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